

| | | | | | | | |
|---------------------------------------------------------------------------|--|---------------------------------------------------|--|----------------------------------------|--|------------------------------------------------|--|
| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 117769 | | APPLICATION NO. New U.S. Patent Application | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANTS Tomoaki MIYASHITA et al. | | | |
| | | | | FILING DATE December 8, 2003 | | | |

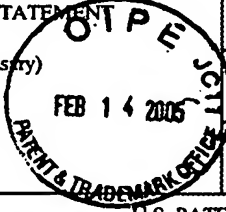
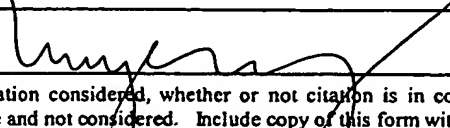
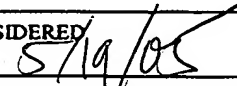
| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--|-----------------|------|------|-------|--------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|---|------------------------------|-----------|---------|-------|--------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
| <i>HN</i> | 1 | JP A1 WO98/36313 w/ Abstract | 8/20/1998 | Japan | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
|------------------------------------------------------------------------|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| EXAMINER <i>Miyashita</i> | DATE CONSIDERED <i>5/9/05</i> |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

Date: December 8, 2003

| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------|------------|------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|--|
| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 117769 | | APPLICATION NO. 10/728,778 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | | | | |
|  | | | | APPLICANT(S) Tomoaki MIYASHITA et al. | | | |
| | | | | FILING DATE December 8, 2003 | | GROUP 2871 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
| HN | 1 | 5,653,522 corresponding to Reference 17 | 08/05/1997 | Loucks | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| HN | 2 | JP 2002-258241 w/Abstract and English Translation | 09/11/2002 | Japan | | | |
| HN | 3 | JP 10-319379 w/Abstract and English Translation | 12/04/1998 | Japan | | | |
| HN | 4 | JP 2002-244214 w/Abstract and English Translation | 08/30/2002 | Japan | | | |
| HN | 5 | JP 2000-298262 w/Abstract and English Translation | 10/24/2000 | Japan | | | |
| HN | 6 | JP 2002-244207 w/Abstract and English Translation | 08/30/2002 | Japan | | | |
| HN | 7 | JP 2002-207207 w/Abstract and English Translation | 07/26/2002 | Japan | | | |
| HN | 8 | JP 2001-311825 w/Abstract and English Translation | 11/09/2001 | Japan | | | |
| HN | 9 | JP 2001-290120 w/Abstract and English Translation | 10/19/2001 | Japan | | | |
| HN | 10 | JP 2000-180957 w/Abstract and English Translation | 06/30/2000 | Japan | | | |
| HN | 11 | JP 2000-75258 w/Abstract and English Translation | 03/14/2000 | Japan | | | |
| HN | 12 | JP 11-95197 w/Abstract and English Translation | 04/09/1999 | Japan | | | |
| HN | 13 | JP 11-84337 w/Abstract and English Translation | 03/26/1999 | Japan | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | | DATE CONSIDERED | | |
|  | | | | |  | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

Date: February 14, 2005

Sheet 2 of 2

| | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------|------------|------------------------------------------|----------------------------|-------------------------------|--|
| Form PTO-1449 (REV. 8-83) | | Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 117769 | | APPLICATION NO. 10/728,778 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT(S) Tomoaki MIYASHITA et al. | | | |
| | | | | FILING DATE December 8, 2003 | | GROUP 2871 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| HN | 14 | JP 10-168424 w/Abstract and English Translation | 06/23/1998 | Japan | | | |
| HN | 15 | JP 10-68935 w/Abstract and English Translation | 03/10/1998 | Japan | | | |
| HN | 16 | JP 10-54977 w/Abstract and English Translation | 02/24/1998 | Japan | | | |
| HN | 17 | JP 9-502313 corresponding to reference 1 | 03/04/1997 | Japan | | | |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | | DATE CONSIDERED 5/19/05 | | |
| Examiner: Initial if citation considered whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

Date: February 14, 2005